

AMENDMENTS TO THE SPECIFICATION

Please replace Page 5, paragraph 7, with the following amended paragraph:

With reference to FIGS. 1, 2 and 3, the reference number 1 indicates the device for the measurement (MEAS. DEVICE) of a current, according to the invention, in a conductor 2. Such device includes one or more means for detecting (DET. MEANS) the current 11, 12 and 13, properly positioned with respect to the conductor 2. Means 422 are then present for the transmission of a signal indicative of the current, which are generally interposed between such current detection means 11, 12, 13 and the electronic means (ELECT. MEANS) for the control, acquisition and processing of such signal indicative of the current.

Please replace Page 6, paragraph 1, with the following amended paragraph:

In practice, the partialised feeding means 50 act on the feeding line schematically represented with the reference number 412 according to an on/off sequence, controlled by the ~~controlling~~ electronic means 3. The detection means 11 are consequentially fed by a feeding line schematically represented with the reference number 411.

Please replace Page 6, paragraph 3, with the following amended paragraph:

Advantageously, the means 422 for the transmission (TRANS. MEANS) of a signal indicative of the current include an analogue acquisition chain, able to get analogue signals generated by the magnetic field sensor. The means 422 are then linked to the means 423 of adaptation (ADAPT. MEANS) of such signal, such means 423 being able to make such signals representative of the nature and value of the currents flowing in the conductors and then available for the reading or for subsequent interpretation and uses, for example in connection with an over-current relay in case of use in automatic switches.